



2011 College-Bound Seniors

# State Profile Report

CALIFORNIA

## Included in This Report

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**SAT® Data**

**SAT Subject Tests™ Data**

**Demographic and Academic Information**

**College Plans**

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# The SAT® Program

The SAT® (formerly known as the SAT® I: Reasoning Test) assesses student reasoning based on knowledge and skills developed by the students in their course work. The SAT Subject Tests™ (formerly known as SAT II: Subject Tests) are a series of one-hour, mostly multiple-choice tests that measure how much students know about a particular academic subject and how well they can apply that knowledge. Most students also complete the optional SAT Questionnaire (formerly known as the Student Descriptive Questionnaire) when they register to take SAT Program tests, providing valuable contextual information to aid in interpreting and understanding individual and group scores. *College-Bound Seniors 2011* includes students who tested through June 2011.

## Using This Report

*College-Bound Seniors* presents data for high school graduates in the year 2011 who participated in the SAT Program. Students are counted only once, no matter how often they tested, and only their latest scores and most recent SAT Questionnaire responses are summarized. Because the accuracy of self-reported information has been documented and the college-bound population is relatively stable from year to year, SAT Questionnaire responses from these students can be considered accurate. Therefore, you can use this report to:

- Interpret scores of individual students within the broader context of data aggregated across groups of college-bound seniors.
- Study changes over time in the characteristics of students taking SAT tests.
- Look at educational and demographic changes in this population, along with changes in test performance.

Keep in mind, however, that:

- Relationships between test scores and other factors such as educational background, gender, racial/ethnic background, parental education, and household income are complex and interdependent.
- These factors do not directly affect test performance; rather, they are associated with educational experiences both on tests such as the SAT and in schoolwork.
- Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.
- Not all students in a high school, school district, or state take the SAT. Since the population of test-takers is self-selected, using aggregate SAT scores to compare or evaluate teachers, schools, districts, states, or other educational units is not valid, and the College Board strongly discourages such uses.
- Interpreting SAT scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT scores for any group, or subgroup, of test-takers is the proportion of students taking the test. For example, if state data are being

considered, it is appropriate to recognize that in some states there are lower participation rates. Typically, test-takers in these states have strong academic backgrounds and apply to the nation's most selective colleges and scholarship programs. For these states, it is expected that the SAT mean scores reported for students will be higher than the national average.

## Statistical Definitions

The following terms are used throughout this report. For more statistical information, visit the College Board Web site at [www.collegeboard.org](http://www.collegeboard.org).

### Mean

The *mean* is the arithmetic average.

### Percentile

The *percentile*, also called the *percentile point*, is the point on the measurement scale below which a specified percentage of scores falls. The 25th, 50th, and 75th percentile points are often reported for large data sets. The 50th percentile point is also called the *median* and, like the mean, is an average and a good indicator of the center of the distribution of scores. Comparing the 25th and 75th percentile points gives an idea of the range of scores in the populations reported in this document. Like the standard deviation, the difference between the scores associated with the 75th and 25th percentiles is an indication of the variability of the scores in a particular sample.

### Scaled score

A *scaled score* is a score that has been converted from the raw score (number of questions answered correctly minus a fraction of the incorrect answers) for reporting. The SAT Program uses the 200 to 800 point scale.

### Standard deviation (SD)

The *standard deviation* (SD) is a measure of the variability of a set of scores. If test scores cluster tightly around the mean score, as they do when the group tested is relatively homogeneous, the standard deviation is smaller than it would be with a more diverse group and a greater scatter of scores around the mean.

## The College Board: Inspiring Minds™

The College Board is a not-for-profit membership association whose mission is to connect students to college success and opportunity. Founded in 1900, the association is composed of more than 5,600 schools, colleges, universities, and other educational organizations. Each year, the College Board serves seven million students and their parents, 23,000 high schools, and 3,800 colleges through major programs and services in college admissions, guidance, assessment, financial aid, enrollment and teaching and learning. Among its best-known programs are the SAT®, the PSAT/NMSQT®, and the Advanced Placement Program® (AP®). The College Board is committed to the principles of excellence and equity, and that commitment is embodied in all of its programs, services, activities and concerns.

# Total Group Mean SAT Scores

## College-Bound Seniors, 1972–2011

<b>Year</b>	<b>Critical Reading</b>			<b>Mathematics</b>			<b>Writing</b>		
	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
1972	531	529	530	527	489	509	-	-	-
1973	523	521	523	525	489	506	-	-	-
1974	524	520	521	524	488	505	-	-	-
1975	515	509	512	518	479	498	-	-	-
1976	511	508	509	520	475	497	-	-	-
1977	509	505	507	520	474	496	-	-	-
1978	511	503	507	517	474	494	-	-	-
1979	509	501	505	516	473	493	-	-	-
1980	506	498	502	515	473	492	-	-	-
1981	508	496	502	516	473	492	-	-	-
1982	509	499	504	516	473	493	-	-	-
1983	508	498	503	516	474	494	-	-	-
1984	511	498	504	518	478	497	-	-	-
1985	514	503	509	522	480	500	-	-	-
1986	515	504	509	523	479	500	-	-	-
1987	512	502	507	523	481	501	-	-	-
1988	512	499	505	521	483	501	-	-	-
1989	510	498	504	523	482	502	-	-	-
1990	505	496	500	521	483	501	-	-	-
1991	503	495	499	520	482	500	-	-	-
1992	504	496	500	521	484	501	-	-	-
1993	504	497	500	524	484	503	-	-	-
1994	501	497	499	523	487	504	-	-	-
1995	505	502	504	525	490	506	-	-	-
1996	507	503	505	527	492	508	-	-	-
1997	507	503	505	530	494	511	-	-	-
1998	509	502	505	531	496	512	-	-	-
1999	509	502	505	531	495	511	-	-	-
2000	507	504	505	533	498	514	-	-	-
2001	509	502	506	533	498	514	-	-	-
2002	507	502	504	534	500	516	-	-	-
2003	512	503	507	537	503	519	-	-	-
2004	512	504	508	537	501	518	-	-	-
2005	513	505	508	538	504	520	-	-	-
2006	505	502	503	536	502	518	491	502	497
2007	503	500	501	532	499	514	487	499	493
2008	502	499	500	532	499	514	486	499	493
2009	502	497	499	533	498	514	485	498	492
2010	502	498	500	533	499	515	485	497	491
2011	500	495	497	531	500	514	482	496	489

Note: For 1972–1986 a formula was applied to the original mean and standard deviation to convert the mean to the recentered scale. For 1987–1995 individual student scores were converted to the recentered scale and then the mean was recomputed. From 1996–1999, nearly all students received scores on the recentered scale. Any score on the original scale was converted to the recentered scale prior to computing the mean. From 2000–2011, all scores are reported on the recentered scale. Cohort data presented prior to 2007 include students testing through March of the senior year, while cohort data from 2007 to present include students testing through June. For further information see <http://www.collegeboard.org/sat/cbs-2011-trends>.

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## SAT® Data

Data in this report are for high school graduates in the year 2011. Information is summarized for seniors who took the SAT at any time during their high school years through June 2011. If a student took the test more than once, the most recent score is used.

Table 1: Overall Mean Scores

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing *		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total	222,658	499	113	515	119	499	113	49.8	11.3	7.5	1.5

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	100,025	505	114	536	120	496	114	49.7	11.3	7.3	1.6
Female	122,633	494	112	498	116	502	112	49.8	11.2	7.6	1.5

Table 3: Year in Which Seniors Last Took the SAT

Scores are from the last administration in which seniors took the SAT.

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Senior (2010-2011)	143,764	494	108	510	116	494	108	49.1	10.8	7.4	1.5
Junior (2009-2010)	78,231	508	119	524	124	509	119	50.8	11.9	7.6	1.6
Sophomore (2008-2009)	643	577	129	609	128	584	131	58.3	13.0	8.1	1.7
Freshman (2007-2008)	20	506		532		504		50.5		7.2	
Total	222,658	499	113	515	119	499	113	49.8	11.3	7.5	1.5

Table 4: Mean Scores for Total Group

Mean scores for the total group may serve as points of reference when evaluating mean scores for the state.

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,647,123	497	114	514	117	489	113	49.1	11.4	7.3	1.6

\*Writing data are based on students who took the current version of the SAT, first administered in March 2005. All students in the 2011 cohort took the SAT writing section. The writing section contains one essay (30 percent of the total score) and 49 multiple-choice questions (70 percent of the total score). Essay scores range from 2-12, with a very small percentage of students (less than 0.3 percent) receiving scores of 0 on the essay, for essays written completely off topic. Multiple-choice scores range from 20 to 80.

Note: Mean scores are reported when there are five or more test-takers. Standard deviations are reported when there are 25 or more test-takers.

## SAT Data

**Table 5: Percentiles for State and Total Group**

A percentile represents the point below which a percentage of scores fall. Comparing the 25th percentile point to the 75th percentile point gives an idea of the range of performance in a group.

SAT Percentile	State			Total Group		
	Critical Reading	Mathematics	Writing	Critical Reading	Mathematics	Writing
75th	580	600	570	570	600	560
50th	490	510	490	490	510	480
25th	420	430	420	420	430	410

**Table 6: Score Distributions**

The score ranges in the following table reflect SAT Skills Insight™, a resource that identifies skills demonstrated by typical students who score in each range. For more information and resources for educators and students, please visit [www.collegeboard.org/sat-skills](http://www.collegeboard.org/sat-skills).

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	5,337	5,384	10,721	10,016	6,357	16,373	5,375	6,909	12,284
600-690	17,242	18,049	35,291	22,581	19,773	42,354	14,586	18,716	33,302
500-590	29,365	34,926	64,291	29,082	33,223	62,305	27,038	34,354	61,392
400-490	31,307	41,079	72,386	26,050	39,597	65,647	33,736	41,633	75,369
300-390	14,024	19,671	33,695	10,509	20,096	30,605	16,966	18,850	35,816
200-290	2,750	3,524	6,274	1,787	3,587	5,374	2,324	2,171	4,495

**Table 7: Type of High School**

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	184,890	86	44	56	494	513	494
Religiously Affiliated	22,645	11	49	51	535	535	539
Independent	6,261	3	48	52	592	601	602
Other or Unknown	8,862		46	54	435	440	431

**Table 8: Test-Taking Conditions**

\*Nonstandard conditions\* reflect test-takers who received an accommodation. \*Disabling conditions\* are self-reported student responses.

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Disabling Conditions	8,259	4	490	114	494	116	485	110
Nonstandard Conditions	2,409	1	523	121	531	127	533	121

Note: Percentiles are reported when there are 20 or more test-takers.

## Demographic Information

SAT: Mean Scores by Gender Within Ethnicity

Table 9: Total Mean Scores by Ethnicity

SAT Test-Takers Who Described Themselves As:	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	1,354	1	500	102	493	104	486	97
Asian, Asian American, or Pacific Islander	47,017	21	520	117	575	122	529	122
Black or African American	15,103	7	443	100	436	102	439	96
Mexican or Mexican American	47,540	21	449	94	458	97	449	89
Puerto Rican	734	0	493	98	492	105	487	103
Other Hispanic, Latino, or Latin American	23,220	10	439	101	444	103	440	96
White	72,677	33	547	100	553	102	543	101
Other	9,751	4	519	115	528	117	522	115
No Response	5,262	2	494	114	496	113	485	109
Total	222,658	100	499	113	515	119	499	113

Table 10: Male Mean Scores by Ethnicity

SAT Test-Takers Who Described Themselves As:	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	572	0	511	104	519	104	482	100
Asian, Asian American, or Pacific Islander	22,438	10	524	118	592	121	524	124
Black or African American	6,623	3	441	101	445	106	428	95
Mexican or Mexican American	20,198	9	453	96	477	99	444	90
Puerto Rican	336	0	494	99	502	107	478	102
Other Hispanic, Latino, or Latin American	9,095	4	449	104	468	106	440	98
White	33,978	15	550	100	572	101	537	101
Other	4,197	2	521	117	546	120	515	116
No Response	2,588	1	492	115	512	115	476	109
Total	100,025	45	505	114	536	120	496	114

Table 11: Female Mean Scores by Ethnicity

SAT Test-Takers Who Described Themselves As:	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	782	0	492	100	475	100	489	95
Asian, Asian American, or Pacific Islander	24,579	11	517	116	559	120	533	120
Black or African American	8,480	4	445	98	428	99	447	95
Mexican or Mexican American	27,342	12	445	92	445	93	452	88
Puerto Rican	398	0	492	98	483	102	494	102
Other Hispanic, Latino, or Latin American	14,125	6	432	99	429	97	440	94
White	38,699	17	544	99	536	99	549	100
Other	5,554	2	517	113	514	114	527	113
No Response	2,674	1	495	112	480	109	494	107
Total	122,633	55	494	112	498	116	502	112

## Demographic Information

### SAT: Student Background Information and Characteristics

**Table 12: Student Background Information and Characteristics**

Student demographic information provides a broader context to aid in interpreting and understanding individual and group scores.

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
All Test-Takers	222,658	100	499	113	515	119	499	113
<b>First Language Learned</b>								
English	122,009	56	521	107	527	112	517	107
English and Another	54,175	25	480	113	501	125	485	115
Another Language	42,992	20	460	112	500	127	469	114
No Response	3,482		504	125	518	128	501	124
<b>Citizenship</b>								
U.S. Citizen / U.S. National	199,888	94	503	111	516	117	503	111
U.S. Permanent Resident or Refugee	8,604	4	480	124	537	136	493	129
Citizen of Another Country	4,653	2	448	110	523	136	466	114
Other, Unknown, or No Response	9,513		448	114	476	124	450	112
<b>Plans to Apply for Financial Aid</b>								
Yes	151,300	76	492	110	505	116	491	108
No	12,098	6	535	111	555	116	541	115
Don't Know	34,575	17	521	114	544	120	523	117
No Response	24,685		494	124	515	129	497	124
<b>Family Income</b>								
\$0 - \$20,000	21,762	16	435	99	455	109	437	94
\$20,000–\$40,000	24,787	19	463	100	480	109	462	97
\$40,000–\$60,000	17,975	14	488	102	503	109	485	101
\$60,000–\$80,000	15,119	11	508	102	519	107	503	101
\$80,000–\$100,000	13,095	10	524	101	537	107	520	102
\$100,000–\$120,000	11,899	9	533	102	548	108	531	103
\$120,000–\$140,000	6,393	5	538	103	553	107	536	104
\$140,000–\$160,000	5,338	4	547	102	560	107	546	103
\$160,000–\$200,000	6,698	5	552	102	567	107	552	105
More than \$200,000	9,938	7	575	102	593	106	583	107
No Response	89,654		499	117	516	124	501	117
<b>Highest Level of Parental Education</b>								
No High School Diploma	28,278	14	427	91	448	102	432	87
High School Diploma	66,030	32	471	98	484	107	469	95
Associate Degree	13,917	7	490	96	501	104	486	95
Bachelor's Degree	55,273	27	533	102	549	109	532	104
Graduate Degree	43,905	21	571	110	586	115	574	113
No Response	15,255		433	108	456	116	435	105
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	57,221	27	504	110	519	115	505	108
Yes, As a Sophomore or Younger	48,090	23	501	110	519	118	501	110
Yes, As a Junior and As a Sophomore or Younger	54,638	26	535	113	551	117	539	113
No	48,527	23	459	101	473	109	455	97
No Response	14,182		467	120	488	127	470	120

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.



## Academic Information

### Academic Record

Table 13: High School Rank

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	30,277	34	44	56	577	605	582
Second Tenth	24,305	27	47	53	508	533	509
Second Fifth	16,955	19	50	50	481	499	479
Final Three Fifths	17,588	20	48	52	440	449	438
No Response	133,533		44	56	490	502	490

Table 14: High School Grade Point Average

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
A+ (97–100)	9,806	5	40	60	592	612	597
A (93–96)	36,880	18	40	60	564	590	572
A- (90–92)	41,118	20	43	57	533	558	537
B (80–89)	97,800	47	46	54	471	483	470
C (70–79)	21,965	11	54	46	420	425	414
D, E, or F (below 70)	459	0	63	37	449	450	437
No Response	14,630		46	54	481	490	475
<b>Mean Grade Point Average</b>	<b>All Students: 3.31</b>		<b>Male: 3.26</b>		<b>Female: 3.36</b>		

Table 15: Average Years of Study in Six Academic Subjects

SAT	Average Years of Study			Grade Point Average: Each Subject		
	Male	Female	Total	Male	Female	Total
Arts and Music	1.9	2.0	2.0	3.71	3.83	3.77
English and Language Arts	3.9	3.9	3.9	3.29	3.48	3.39
Foreign and Classical Languages	2.7	2.9	2.8	3.26	3.46	3.37
Mathematics	3.8	3.7	3.7	3.12	3.05	3.08
Natural Sciences	3.3	3.2	3.3	3.25	3.24	3.24
Social Sciences and History	3.3	3.3	3.3	3.39	3.40	3.40
<b>Total for All Subjects</b>	<b>18.9</b>	<b>19.0</b>	<b>19.0</b>			

## Academic Information

### Course-Taking Patterns

Table 16: English, Mathematics

<b>English and Language Arts</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	15,079	8	45	55	517	536	520	
4 Years	148,190	77	44	56	508	524	507	
3 Years	24,184	13	42	58	454	465	456	
2 Years	3,442	2	49	51	478	504	482	
1 Year	1,258	1	45	55	461	479	465	
1/2 Year or Less	1,278	1	51	49	441	463	440	
No Response	29,227		50	50	488	507	491	
AP®/Honors Courses	86,298	45	39	61	551	560	551	
<b>Course Work or Experience</b>								
English/Language Arts	176,051	97	44	56	500	515	500	
Journalism	16,636	9	35	65	521	524	525	
Creative Writing	30,217	17	40	60	504	509	506	
American Literature	105,112	58	44	56	504	516	504	
Composition/Writing	80,949	45	43	57	502	513	503	
British Literature	29,529	16	44	56	533	538	530	
World Literature	47,789	26	45	55	516	527	515	
Communications	9,994	6	45	55	489	507	493	
Public Speaking	23,688	13	42	58	515	523	518	
English As Second Language	11,193	6	41	59	433	490	445	

<b>Mathematics</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	22,480	12	49	51	533	572	536	
4 Years	112,625	58	44	56	515	534	516	
3 Years	49,582	26	41	59	462	462	459	
2 Years	6,076	3	46	54	454	457	453	
1 Year	1,136	1	50	50	461	485	463	
1/2 Year or Less	1,557	1	45	55	441	446	440	
No Response	29,202		49	51	488	506	490	
AP/Honors Courses	70,318	36	46	54	559	599	563	
<b>Highest Level of Mathematics Achieved*</b>								
Calculus	46,470	24	49	51	567	615	571	
Pre-calculus	57,988	30	43	57	510	531	510	
Trigonometry	17,324	9	44	56	490	498	490	
Algebra II	58,693	31	42	58	454	447	451	
Algebra I	8,456	4	43	57	416	396	412	

\*To better reflect the relationship between students' SAT scores and their Mathematics course work, course work is now being displayed as the highest level of mathematics achieved. This means that each student is counted only once under their highest level of mathematics course taken.

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

## Academic Information

### Course-Taking Patterns

Table 17: Natural Sciences, Social Sciences and History

Natural Sciences	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	12,620	7	47	53	547	579	552	
4 Years	72,550	38	45	55	531	551	533	
3 Years	69,827	37	43	57	483	495	482	
2 Years	25,828	14	44	56	463	470	459	
1 Year	6,069	3	47	53	463	477	458	
1/2 Year or Less	3,392	2	42	58	432	447	434	
No Response	32,372		49	51	486	503	487	
AP/Honors Courses	63,283	33	44	56	565	593	568	
<b>Course Work or Experience</b>								
Biology	182,180	98	44	56	500	516	500	
Chemistry	166,449	90	44	56	505	522	505	
Physics	78,229	42	49	51	525	554	526	
Geology, Earth, or Space Science	62,718	34	44	56	486	494	484	
Other Sciences	55,669	30	39	61	495	505	495	

Social Sciences and History	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	9,849	5	47	53	536	551	538	
4 Years	78,521	41	44	56	520	531	520	
3 Years	75,247	39	44	56	493	512	493	
2 Years	23,721	12	45	55	460	479	460	
1 Year	2,945	2	46	54	462	487	465	
1/2 Year or Less	1,780	1	49	51	435	460	437	
No Response	30,595		49	51	487	505	489	
AP/Honors Courses	76,246	40	43	57	556	569	556	
<b>Course Work or Experience</b>								
U.S. History	179,064	97	44	56	499	514	499	
World History or Cultures	159,818	86	44	56	498	514	498	
U.S. Government or Civics	105,506	57	43	57	501	516	500	
Economics	90,070	49	43	57	500	516	498	
Geography	54,214	29	44	56	502	515	500	
Psychology	36,682	20	36	64	518	527	518	
European History	38,295	21	45	55	554	564	554	
Sociology	10,343	6	39	61	493	498	491	
Ancient History	15,461	8	48	52	528	531	527	
Other Courses	12,732	7	43	57	521	533	523	

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

## Academic Information

### Course-Taking Patterns

Table 18: Foreign and Classical Languages

Foreign and Classical Languages Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	8,365	4	39	61	558	580	569
4 Years	35,994	19	40	60	557	573	565
3 Years	74,357	39	44	56	511	529	512
2 Years	61,886	32	47	53	462	473	457
1 Year	6,615	3	47	53	429	444	426
1/2 Year or Less	4,966	3	52	48	426	447	423
No Response	30,475		50	50	487	505	489
AP/Honors Courses	39,445	21	38	62	552	572	561
<b>Course Work or Experience</b>							
Chinese	6,518	3	49	51	544	612	554
French	27,439	15	36	64	514	519	512
German	3,273	2	55	45	536	544	523
Greek	249	0	46	54	553	545	543
Hebrew	759	0	46	54	569	573	587
Italian	1,447	1	40	60	521	518	519
Japanese	4,826	3	49	51	542	577	537
Korean	1,110	1	45	55	517	592	538
Latin	3,825	2	50	50	567	564	561
Russian	455	0	40	60	494	506	502
Spanish	141,707	76	44	56	496	510	496
Other Languages	6,583	4	41	59	476	493	473

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

## Academic Information

### Course-Taking Patterns

Table 19: Arts and Music, Computers

<b>Arts and Music</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>			
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years		8,726	5	42	58	536	547	536
4 Years		23,989	13	38	62	540	546	541
3 Years		21,795	11	38	62	506	515	507
2 Years		47,129	25	44	56	499	514	499
1 Year		70,515	37	48	52	494	516	494
1/2 Year or Less		17,770	9	47	53	457	472	456
No Response		32,734		49	51	488	506	490
AP/Honors Courses		12,397	7	38	62	569	581	573
<b>Course Work or Experience</b>								
Acting or Play Production		26,606	15	33	67	532	524	530
Art History or Appreciation		35,621	20	42	58	500	509	501
Dance		28,206	16	12	88	492	497	500
Drama: Study or Appreciation		28,361	16	33	67	508	505	508
Music: Study or Appreciation		20,132	11	48	52	535	542	534
Music Performance		57,809	32	43	57	526	540	526
Photography or Film		47,623	27	39	61	505	514	505
Studio Art and Design		45,119	25	39	61	511	524	512
None		25,519	14	56	44	465	490	463

<b>Computers</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
<b>Course Work or Experience</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	95,468	55	44	56	508	521	506
Computer Programming	28,468	16	55	45	493	519	494
Word Processing	87,636	51	43	57	509	521	507
Internet Activity	67,613	39	44	56	512	525	511
Using Computer Graphics	52,896	31	49	51	506	522	504
Creating Spreadsheets/Databases	43,513	25	45	55	514	529	513
None	40,907	24	40	60	496	512	498

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

## SAT Subject Tests™ Data

Table 20: Number of Test-Takers and Tests for SAT Subject Tests

Students Who Took SAT Subject Tests		Students Who Took an SAT Subject Test and Also Took the SAT			
Number of Test-Takers	Number of Tests	Number of Test-Takers	Critical Reading Mean	Mathematics Mean	Writing Mean
112,644	300,040	107,724	547	573	553

Students Who Took One or More Different SAT Subject Tests		
Number of Tests Taken	Number of Test-Takers	Percent of Total Test-Takers Who Took One or More Tests
1	3,321	3
2	48,983	43
3	46,790	42
4 or More	13,550	12

Table 21: Mean Scores for SAT Subject Test Takers and for Students Who Also Took the SAT

Most, but not all, students who take SAT Subject Tests also take the SAT. This table provides SAT Subject Test scores for students who took SAT Subject Tests. It also provides the SAT scores for those students who also took the SAT.

	SAT Subject Test			N	SAT						
	N	Mean	SD		Mean	SD	Mean	SD	Mean	SD	
<b>English</b>											
Literature	58,685	530	105	55,924	546	110	544	108	549	109	
<b>History and Social Studies</b>											
U.S. History	59,234	563	112	56,963	558	108	569	111	560	109	
World History	6,813	559	119	6,463	584	115	593	118	586	117	
<b>Mathematics</b>											
Mathematics Level 1	10,214	507	98	9,429	491	107	525	110	497	105	
Mathematics Level 2	71,149	598	106	68,801	554	111	605	109	565	113	
<b>Science</b>											
Biology-E	16,452	570	113	15,782	565	109	586	113	570	112	
Biology-M	14,840	598	118	14,368	579	109	612	111	589	114	
Chemistry	19,504	594	119	18,818	577	118	633	113	588	119	
Physics	9,109	609	107	8,822	581	112	651	100	586	112	
<b>Foreign and Classical Languages</b>											
Chinese/Listening	3,431	760	61	3,308	545	129	662	94	571	132	
French	1,979	573	130	1,900	596	107	602	103	611	108	
French/Listening	447	617	129	430	613	95	616	98	623	100	
German	142	573	142	136	591	93	601	87	590	93	
German/Listening	122	602	136	112	605	88	619	82	618	91	
Modern Hebrew	142	607	157	124	578	97	611	93	614	91	
Italian	57	617	141	55	581	109	575	109	592	112	
Japanese/Listening	775	682	117	753	567	102	642	92	586	104	
Korean/Listening	2,601	759	61	2,433	546	110	659	94	589	114	
Latin	309	600	114	300	661	93	665	88	671	92	
Spanish	20,572	654	115	19,541	497	113	512	114	510	115	
Spanish/Listening	3,463	672	102	3,344	497	104	511	106	506	105	

## SAT Subject Tests Score Distributions

Table 22: English, History and Social Studies

SAT Subject Tests	English		History and Social Studies			
	Literature		U.S. History		World History	
	N	Pct	N	Pct	N	Pct
750-800	1,241	2	3,329	6	556	8
700-740	3,221	5	5,683	10	532	8
650-690	4,874	8	6,744	11	701	10
600-640	6,848	12	7,760	13	776	11
550-590	8,747	15	8,060	14	971	14
500-540	10,002	17	9,024	15	901	13
450-490	10,114	17	8,497	14	1,061	16
400-440	8,179	14	6,556	11	816	12
350-390	4,276	7	3,125	5	388	6
300-340	1,119	2	448	1	94	1
250-290	64	0	8	0	15	0
200-240					2	0
Total	58,685		59,234		6,813	
Mean	530		563		559	
SD	105		112		119	
75th percentile	610		650		650	
50th percentile	520		560		550	
25th percentile	450		470		460	

Table 23: Mathematics, Science

SAT Subject Tests	Mathematics				Science							
	Mathematics Level 1		Mathematics Level 2		Biology-E		Biology-M		Chemistry		Physics	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	115	1	8,924	13	1,056	6	1,723	12	2,564	13	1,157	13
700-740	333	3	5,646	8	1,571	10	1,981	13	2,126	11	1,025	11
650-690	632	6	7,659	11	1,926	12	2,060	14	2,394	12	1,301	14
600-640	888	9	11,593	16	2,379	14	2,076	14	2,572	13	1,386	15
550-590	1,472	14	12,827	18	2,721	17	1,997	13	2,497	13	1,466	16
500-540	1,753	17	11,815	17	2,314	14	1,857	13	2,589	13	1,226	13
450-490	1,978	19	8,709	12	1,990	12	1,457	10	2,239	11	1,012	11
400-440	1,817	18	3,073	4	1,374	8	889	6	1,907	10	466	5
350-390	935	9	742	1	789	5	549	4	592	3	69	1
300-340	279	3	161	0	309	2	246	2	24	0	1	0
250-290	12	0			23	0	5	0				
200-240												
Total	10,214		71,149		16,452		14,840		19,504		9,109	
Mean	507		598		570		598		594		609	
SD	98		106		113		118		119		107	
75th percentile	570		670		650		690		690		690	
50th percentile	500		590		570		610		590		610	
25th percentile	440		520		490		510		500		530	

## SAT Subject Tests Score Distributions

Table 24: Foreign and Classical Languages

SAT Subject Tests	Foreign and Classical Languages											
	Chinese/Listening		French		French/Listening		German		German/Listening		Modern Hebrew	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	2,591	76	293	15	96	21	25	18	23	19	40	28
700-740	383	11	141	7	52	12	12	8	18	15	14	10
650-690	211	6	187	9	56	13	9	6	13	11	4	3
600-640	144	4	193	10	56	13	11	8	13	11	17	12
550-590	61	2	249	13	42	9	15	11	14	11	14	10
500-540	21	1	255	13	41	9	23	16	10	8	15	11
450-490	18	1	250	13	52	12	18	13	11	9	12	8
400-440	2	0	278	14	31	7	11	8	12	10	10	7
350-390			123	6	20	4	17	12	4	3	8	6
300-340			10	1	1	0			2	2	6	4
250-290									2	2	2	1
200-240							1	1				
Total	3,431		1,979		447		142		122		142	
Mean	760		573		617		573		602		607	
SD	61		130		129		142		136		157	
75th percentile	800		680		720		700		730		770	
50th percentile	790		560		620		550		620		610	
25th percentile	750		460		510		450		490		490	

Table 25: Foreign and Classical Languages (continued)

SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	13	23	317	41	1,955	75	42	14	5,197	25	1,063	31
700-740	9	16	118	15	309	12	33	11	4,230	21	668	19
650-690	6	11	101	13	168	6	44	14	3,118	15	661	19
600-640	8	14	62	8	77	3	35	11	2,365	11	369	11
550-590	5	9	60	8	53	2	42	14	1,781	9	243	7
500-540	3	5	45	6	24	1	37	12	1,485	7	196	6
450-490	5	9	34	4	10	0	52	17	1,128	5	145	4
400-440	4	7	25	3	5	0	21	7	754	4	58	2
350-390	1	2	7	1			3	1	344	2	48	1
300-340	2	4	1	0					125	1	11	0
250-290	1	2	3	0					41	0	1	0
200-240			2	0					4	0		
Total	57		775		2,601		309		20,572		3,463	
Mean	617		682		759		600		654		672	
SD	141		117		61		114		115		102	
75th percentile	730		780		800		690		750		750	
50th percentile	620		720		790		590		680		690	
25th percentile	500		610		750		500		580		620	



## College Plans

Table 26: Intended College Major, Degree-Level Goal

SAT Intended College Major	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
Agriculture, Agriculture Operations, and Related Sciences	1,344	1	483	488	480
Architecture and Related Services	3,644	2	486	533	491
Area, Ethnic, Cultural and Gender Studies	364	0	523	502	520
Biological and Biomedical Sciences	15,603	8	539	561	541
Business Management, Marketing, and Related Support Services	18,675	10	495	524	498
Communication, Journalism and Related Programs	5,456	3	518	503	524
Computer and Information Sciences and Support Services	3,453	2	519	556	505
Construction Trades	84	0	443	484	431
Education	6,175	3	475	483	479
Engineering	14,812	8	527	582	521
Engineering Technologies/Technicians	3,242	2	468	517	461
English Language and Literature/Letters	3,305	2	577	527	569
Family and Consumer Sciences/Human Sciences	579	0	459	468	466
Foreign Languages, Literatures, and Linguistics	1,471	1	540	523	538
Health Professions and Related Clinical Services	33,649	18	483	501	489
History	2,613	1	526	500	504
Legal Professions and Studies	5,753	3	512	511	511
Liberal Arts and Sciences, General Studies, and Humanities	1,858	1	546	526	544
Library Science And Administration	35	0	527	481	491
Mathematics and Statistics	2,257	1	503	591	512
Mechanic and Repair Technologies/Technician	467	0	409	447	404
Military Technologies And Applied Sciences	203	0	471	487	447
Multi/Interdisciplinary Studies	286	0	569	573	568
Natural Resources and Conservation	908	0	538	539	531
Parks, Recreation, Leisure and Fitness Studies	1,160	1	450	472	451
Personal and Culinary Services	741	0	455	458	449
Philosophy and Religious Studies	582	0	547	528	533
Physical Sciences	2,823	2	546	578	539
Precision Production	7	0	429	466	446
Psychology	11,746	6	496	488	496
Public Administration and Social Services Professions	873	0	445	442	450
Security and Protective Services	4,769	3	435	445	434
Social Sciences	3,276	2	557	541	550
Theology and Religious Vocations	318	0	532	523	512
Transportation and Materials Moving	85	0	446	493	440
Visual and Performing Arts	15,159	8	503	498	502
Other	3,799	2	448	458	449
Undecided	16,496	9	529	550	531
<b>Degree-Level Goal</b>					
Certificate Program	1,775	1	460	476	459
Associate Degree	1,771	1	410	417	409
Bachelor's Degree	54,267	27	478	490	476
Master's Degree	63,147	31	500	517	500
Doctoral or Related Degree	47,573	23	526	545	529
Other	1,256	1	432	449	440
Undecided	33,839	17	509	524	508

## College Plans

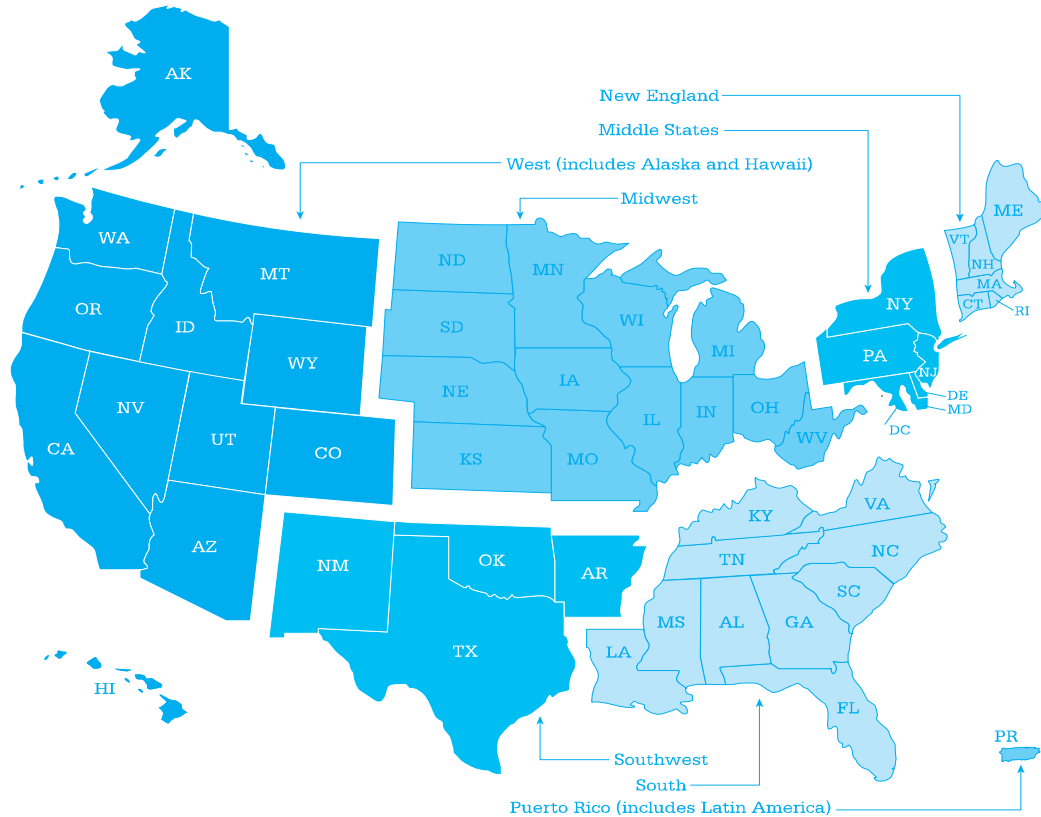
**Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students**

Of the 227,578 students from your state who took the SAT and/or an SAT Subject Test, 171,011 designated that their score reports be sent to institutions. Students may designate more than one institution to receive scores. This list includes only the 45 institutions that received the most score reports. A total of 2,811 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	39,588	23.1
CALIFORNIA STATE UNIVERSITY MENTOR	CA	Public	35,231	20.6
UNIVERSITY OF CALIFORNIA IRVINE	CA	Public	31,214	18.3
UNIVERSITY OF CALIFORNIA DAVIS	CA	Public	30,778	18.0
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	30,478	17.8
UNIVERSITY OF CALIFORNIA SANTA BARBARA	CA	Public	30,159	17.6
UNIVERSITY OF CALIFORNIA SAN DIEGO	CA	Public	29,056	17.0
CALIFORNIA STATE UNIVERSITY LONG BEACH	CA	Public	26,392	15.4
SAN DIEGO STATE UNIVERSITY	CA	Public	24,263	14.2
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	21,476	12.6
CALIFORNIA STATE UNIVERSITY FULLERTON	CA	Public	19,424	11.4
CALIFORNIA POLYTECHNIC STATE UNIVERSITY	CA	Public	17,880	10.5
UNIVERSITY OF CALIFORNIA SANTA CRUZ	CA	Public	17,834	10.4
UNIVERSITY OF CALIFORNIA RIVERSIDE	CA	Public	17,492	10.2
SAN FRANCISCO STATE UNIVERSITY	CA	Public	17,456	10.2
STANFORD UNIVERSITY	CA	Private	16,133	9.4
SAN JOSE STATE UNIVERSITY	CA	Public	13,654	8.0
CALIFORNIA STATE UNIVERSITY NORTHRIDGE	CA	Public	13,051	7.6
CALIFORNIA STATE POLYTECHNIC UNIVERSITY	CA	Public	12,936	7.6
UNIVERSITY OF SAN DIEGO	CA	Private	11,789	6.9
CALIFORNIA STATE UNIVERSITY SACRAMENTO	CA	Public	10,783	6.3
NCAA ELIGIBILITY CENTER	IN	Public	9,918	5.8
UNIVERSITY OF THE PACIFIC	CA	Private	9,622	5.6
CALIFORNIA STATE UNIVERSITY CHICO	CA	Public	8,470	5.0
CALIFORNIA STATE UNIVERSITY FRESNO	CA	Public	8,458	4.9
UNIVERSITY OF OREGON	OR	Public	8,437	4.9
LOYOLA MARYMOUNT UNIVERSITY	CA	Private	8,358	4.9
SANTA CLARA UNIVERSITY	CA	Private	8,063	4.7
UNIVERSITY OF CALIFORNIA MERCED	CA	Public	7,889	4.6
CALIFORNIA STATE LOS ANGELES	CA	Public	7,300	4.3
NEW YORK UNIVERSITY	NY	Private	7,213	4.2
CALIFORNIA STATE UNIVERSITY MONTEREY BAY	CA	Public	6,746	3.9
SONOMA STATE UNIVERSITY	CA	Public	6,444	3.8
UNIVERSITY OF SAN FRANCISCO	CA	Private	6,422	3.8
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	6,237	3.6
PEPPERDINE UNIVERSITY	CA	Private	6,231	3.6
CHAPMAN UNIVERSITY	CA	Private	6,199	3.6
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISSIONS	NY	Private	6,039	3.5
BOSTON UNIVERSITY	MA	Private	5,942	3.5
CALIFORNIA STATE UNIVERSITY SAN BERNARDI	CA	Public	5,922	3.5
BROWN UNIVERSITY	RI	Private	5,608	3.3
CALIFORNIA STATE UNIVERSITY DOMINGUEZ HI	CA	Public	5,585	3.3
CALIFORNIA STATE UNIVERSITY SAN MARCOS	CA	Public	5,456	3.2
ARIZONA STATE UNIVERSITY	AZ	Public	5,447	3.2
UNIVERSITY OF WASHINGTON	WA	Public	5,246	3.1

\*Of your students who designated that their SAT and/or SAT Subject Test score reports be sent to institutions, the 'Percent of Score Senders' indicates the percent of those students who had their scores sent to each institution listed.

## Areas Served by College Board Regional Offices



### National Office

45 Columbus Avenue  
New York, NY 10023-6992  
212-713-8000  
212-713-8255 (Fax)

### Middle States Regional Office

Three Bala Plaza East, Suite 501  
Bala Cynwyd, PA 19004-1501  
866-392-3019  
610-227-2580 (Fax)

### Midwestern Regional Office

6111 N. River Road, Suite 550  
Rosemont, IL 60018-5158  
866-392-4086  
847-653-4528 (Fax)

### New England Regional Office

1601 Trapelo Road, Suite 12  
Waltham, MA 02451-7333  
866-392-4089  
781-663-2743 (Fax)

### Southern Regional Office

3700 Crestwood Parkway NW, Suite 700  
Duluth, GA 30096-7155  
866-392-4088  
770-225-4062 (Fax)

### Southwestern Regional Office

4330 Gaines Ranch Loop, Suite 200  
Austin, TX 78735-6735  
866-392-3017  
512-721-1841 (Fax)

### Western Regional Office

2099 Gateway Place, Suite 550  
San Jose, CA 95110-1051  
866-392-4078  
408-367-1459 (Fax)

### Puerto Rico and Latin America Office

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